

Pooja Patel

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

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Experience

Android Internship at CodeCrunch TechLabs Pvt. Ltd

May 2016 - July 2016

Mentor : Jinesh Soni

Project :

During my summer Internship, I have worked on an app called BookFlyps, which is used to share the extract from book. The principle purpose of app was to extract text from the image using optical character recognition and binarization(image processing) and display it in elegant format using material design. Also I have used firebase authentication for login and firebase database for data storage. The alpha version is uploaded on Playstore.

Project Link - <https://play.google.com/store/apps/details?id=co.codecrunch.bookflyps>

Projects

News App

May 2017

I made this Application which has its data hosted on Firebase and uses Firebase Authentication for login purpose. This App displays News from different National and International News sources sorted on various user input parameters.

Flip Cards App

Oct 2016

We made this app as part of hackathon of Applied android with CS course offered by Google. Its a two player game where score is added when two open images match.

BRTS App

Sep 2016

This Application was built within 36 hours during WIE Appathon' 2016 conducted by IEEE chapter DA-IICT in association with HackerEarth. This Application gives user information regarding the bus routes of BRTS transport system in Ahmedabad and calculates tentative fare.

Bank Management System

Oct 2017–Nov 2017

We built this database management system as part of DBMS course using PostgreSQL technology, in which all the information necessary to bank is stored and can handle complex queries. Various triggers and stored procedures are also added to DB to calculate some values like interest, loan payment, etc and stored it on account of some event occurred.

Wireless Game Controller

Oct 2017–Nov 2017

We built this hardware project as part of EHD course, in which NFS games, CS, etc can be played and controlled by hand motion. Gyroscope is used to detect hand motion and signals then are processed by Arduino UNO and Arduino Leonardo. Xbee is used for wireless transmission.

Online Rental System

Jan 2018 – Present

We are building a rental web Application as part of SEN course. User can use this application to rent electronic gadgets, vehicles or and many more. It includes all the features of sorting and filtering products as per reviews, price, location, etc. Iterative lifecycle model is used for building project.

Skills

Programming languages :

Proficient in C++, Java, C.

Significant experience with HTML, MySQL, JavaScript.

Framework & Technologies :

Android Studio, Git, Eclipse, Matlab, PostgreSQL, Firebase

Education

B. Tech (ICT)	Dhirubhai Ambani Institute Of Information And Communication Technology, Gandhinagar, Gujarat	2015 - Present	8.51
Intermediate /+2	G & D Parikh Higher Secondary School, Ahmedabad(Gujarat) Gujarat Higher Secondary Education Board	2014-2015	93.4 %
Secondary School	A. G. High School, Ahmedabad(Gujarat) Gujarat Secondary Education Board	2012-2013	89.83 %

Position of Responsibility

- Coordinator of Cafe Informals Event in Synapse' 2017.
- Associate Finance in Student Executive Council of DA-IICT Center For Entrepreneurship and Incubation from August, 2016 to May, 2017.

Awards & Achievements

- Selected for Google India Scholarship for Nanodegree Program by Udacity.
- Google Applied CS with Android Certificate.
- Secured 1st position in School in International Olympiad of Science in 2011 (State rank- 76, Olympiad rank- 3492)
- Secured 1st position in School in 12'th National Science Olympiad in 2009(State Rank- 490, All India rank- 10394)